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Crane or excavator with optimal movement control for the transaction of a load, which is carried by a load cable.

Summary

The invention refers to a crane or excavator for the transaction of a load, which is carried by a load cable with a turning mechanism for the rotation of the crane or excavator, a seesaw mechanism for the erection or incline of an extension arm and a hoisting gear for the lifting or lowering of the load which is carried by a cable with an actuation system. The crane or excavator has, in accordance with the invention, a track control system, whose output values are entered directly or indirectly as input values into the control system for position or speed of the crane or excavator, whereas the set points for the control system in the track control are generated in such a way that a load movement results from it with minimized oscillation amplitudes.